

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Applicants: Li et al.

Examiner: Chowdhury, T.

Serial Number: 09/

Group Art Unit 2871

Filing Date: December 12, 2001

Attorney Docket No.: REV50USAAC02

Title: Super Broad-band Polarizing Reflective
Materials and Methods for
Making the Same

Honorable Director of Patents
And Trademarks

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T.R.C
06/09/03

PRELIMINARY AMENDMENT

Sir:

This is a Preliminary Amendment to a Continuation Application of Serial Number 09/066,403 filed on April 30, 1998.

☒ Please cancel claims 97-121.

Please add new claim 122 through 143 as follows:

61 ☒ 122. A broad-band polarizer comprising:

a film in cholesteric order of only one liquid crystal material and sites of non-linearly varying pitch across the thickness of said film and at least one chiral material.

62 ☒ 123. The broad-band polarizer according to claim 122 wherein said only one liquid crystal material is a polymer.

63 ☒ 124. The broad-band polarizer according to claim 122 wherein said only one liquid crystal material is a monomer.

64 ☒ 125. The broad-band polarizer according to claim 122 wherein said only one liquid crystal material is an oligomer.

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